

pMC9 / Tag + D.V

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spac: Tag (U + Deep Vent) different amount in PCR mix
pMC9.

Deep Vent buffer 92X Klenow buffer.

10X buffer	110	110	200 μl PCR mix
dNTP	2.2	2.2	1 μM primer
Mg	—	2.2	2 mM Temp buffer
primer 1	11	11	Mg 2 mM
2	11	11	
Temperature	4.4	4.4	
1120	89.5 6	873.6	

added 1 U Tag in 1 μl in 1X buffer

added different amount of Deep Vent in 2 μl in 1X buffer either D.V. or RT buffer

* Tubes.

Tag	Deep Vent	Deep Vent buffer	K. T. buffer
0	0	1	22 23
1	0	3 4	24 25
.001		5 6	26 27
.005		7 8	28 29
.01		9 10	30 31
.05		11 12	32 33
.1		13 14	34 35
.5		15 16	36 37
1		17 18	38 39
2		19 20	40 41

94° 3

21

42

30 (94° 30° 56° 30° 72° 3°)

1 : 0,01 mix

Started the cycling file instead of step file - 2 cycles done
before changing to step file. To Page No. _____

seen & Understood by me,

Date

Invented by

Date

11/21/94

Recorded by

11/22/94

J. Sitaraman

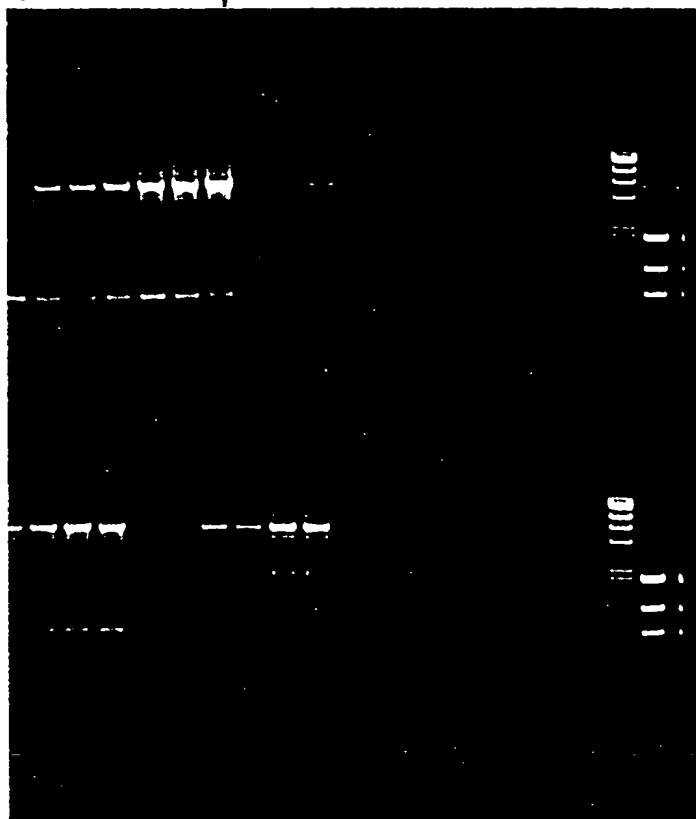
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1:01



1 1:001 | 1:01 | 1:01 → 1:2

1:005 1:05

- maybe didn't add any Tag - make premix w next
- mix pumping still there - check annealing temp.
- try again with new D. vent.

Increasing D.V over 0.05 = having D.V above
Tag effort mil.

dated 12/19/94

Tag : dependent
vibration

← D.V buffer cycle
1:0.01 ok

← K.T. Buffer can go
up to 1:0.05 but
this can't do more
mix pumping

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Witness d & Understood by me,

Dat

11/22/94

Invented by

Date

Recorded by

R. Subramaniam

11/22/94